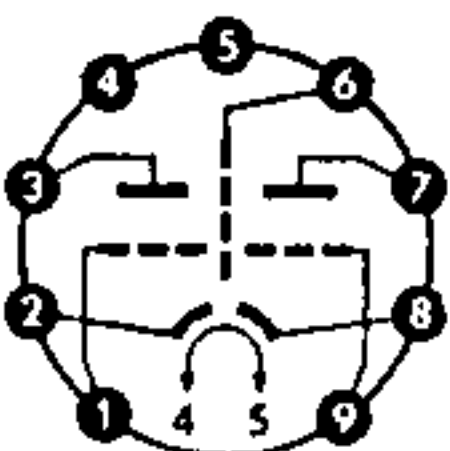


Type	Allgemeine Daten General data		Betriebswerte Typical operation				Grenzwerte Maximum ratings																										
<b>ECC 808</b>  NF-Doppeltriode rauscharm brummarm NF-Eingangsstufen  AF-pentode low noise low hum pre amplifiers	Pico 9 Noval  Größe 8 Outlines 8  Stift · Pin 1 g <sub>II</sub> 2 k <sub>II</sub> 3 a <sub>II</sub> 4 f 5 f 6 s 7 a <sub>I</sub> 8 k <sub>I</sub> 9 g <sub>I</sub>	$U_f = 6,3 \text{ V}$ $I_f \text{ ca. } 340 \text{ mA}$  indirekt geheizt indir. heated  per System $U_a = 250 \text{ V}$ $U_g = -1,9 \text{ V}$ $I_a = 1,2 \text{ mA}$ $S = 1,6 \text{ mA/V}$ $\mu = 100$	<b>NF-Verstärker</b> <b>in Widerstandsverstärkerschaltung</b> Resistance-coupled amplifier per System $U_b = 250 \text{ V}$ $R_a = 220 \text{ k}\Omega$ $R_{g'} = 1 \text{ M}\Omega$ $R_g = 10 \text{ M}\Omega$ $R_{gen} = 220 \text{ k}\Omega$ $R_k^{1)} = 1,7 \text{ k}\Omega$ $I_a = 0,66 \text{ mA}$ $U_{e \text{ eff}} = 69 \text{ mV}$ $U_{a \text{ eff}} = 5 \text{ V}$ $V = 72 \text{ V}$ $k_{ges} = 2,5$  $1) C_k \geq 50 \mu\text{F}$				per System $U_a = 300 \text{ V}$ $N_a = 0,5 \text{ W}$ $I_k = 4 \text{ mA}$ $R_{g^{2)}} = 1 \text{ M}\Omega$ $R_{g^{3)}} = 2 \text{ M}\Omega$ $R_{g^{4)}} = 22 \text{ M}\Omega$ $Z_{g^{5)}} (50 \text{ Hz}) = 0,5 \text{ M}\Omega$ $U_{f/k} = 100 \text{ V}$ $R_{f/k} = 20 \text{ k}\Omega$		$2) U_{g \text{ fest}}$ fixed grid bias $3) U_{g \text{ autom.}}$ cathode grid bias $4) U_g$ nur durch $R_g$ erzeugt $U_g$ produced by voltage drop across $R_g$ only																								
			<b>Kapazitäten · Capacitances</b> <table border="0"> <thead> <tr> <th></th> <th colspan="2">System I</th> <th colspan="2">System II</th> </tr> </thead> <tbody> <tr> <td><math>c_e</math></td> <td>=</td> <td>2,2 pF</td> <td><math>c_e</math></td> <td>= 2,2 pF</td> </tr> <tr> <td><math>c_a</math></td> <td>=</td> <td>1,5 pF</td> <td><math>c_a</math></td> <td>= 1,5 pF</td> </tr> <tr> <td><math>c_{g/a}</math></td> <td>=</td> <td>1,5 pF</td> <td><math>c_{g/a}</math></td> <td>= 1,5 pF</td> </tr> <tr> <td><math>c_{g/f}</math></td> <td>&lt;</td> <td>0,006 pF</td> <td><math>c_{g/f}</math></td> <td>&lt; 0,006 pF</td> </tr> </tbody> </table>					System I		System II		$c_e$	=	2,2 pF	$c_e$	= 2,2 pF	$c_a$	=	1,5 pF	$c_a$	= 1,5 pF	$c_{g/a}$	=	1,5 pF	$c_{g/a}$	= 1,5 pF	$c_{g/f}$	<	0,006 pF	$c_{g/f}$	< 0,006 pF		
	System I		System II																														
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$c_{g/f}$	<	0,006 pF	$c_{g/f}$	< 0,006 pF																													